

DATA SHEET

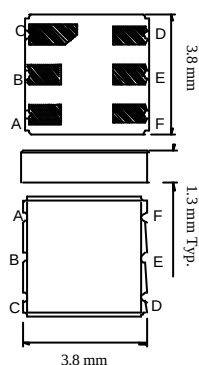
DS0207_04
11.04.02

TSF0942-02

942.5 MHz EGSM SAW FILTER

PRELIMINARY SPECIFICATION

PACKAGE SMD3.8



All dimensions in mm
Input: E, Output: B, Others: Ground

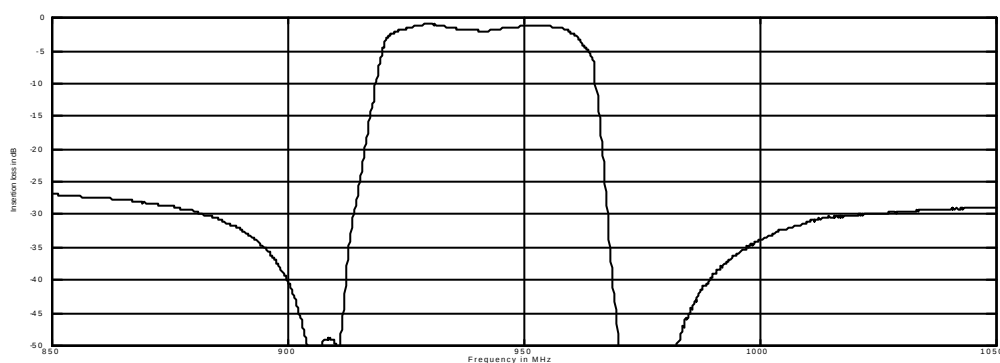
PRODUCT FEATURES:

- **Low Loss**
- **HIGH REJECTIONS**
- **SMALL SMD PACKAGE**

CONTACT: **TEMEX S.A.W.**
PUITS-GODET 8
2000 NEUCHÂTEL
SWITZERLAND
TEL: ++41 32 722 1828
FAX: ++41 32 722 1829

OR CONTACT YOUR TEKELEC TEMEX SALES
REPRESENTATIVE

TYPICAL PERFORMANCE (Measurement)



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Operating Band	BW _{op}	Nominal	925		960	MHz
Insertion Loss	IL	In BW _{op}		2.2	4.2	dB
Amplitude Ripple	AR	In BW _{op}		1.5	2.2	dB
VSWR	SWR	In BW _{op} at 25°C		2.2	2.9	
Rejections wrt 0 dB	R _{j1}	0.3 ... 890 MHz	25	27		dB
	R _{j2}	890 ... 910 MHz	30	33		dB
	R _{j3}	910 ... 915 MHz	15	25		dB
	R _{j4}	980 ... 1000 MHz	30	33		dB
	R _{j5}	1000 ... 3000 MHz	25	30		dB
Temperature Range		Operational	-30	25	85	°C
RF Power	P _{max}	In BW _{op}			17	dBm
I/P & O/P Impedance	Z _{in} /Z _{out}	Unmatched		50		Ohm